

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

TYPE TEST: Deliverability Open Flow TEST DATE: August 21, 1988

COMPANY: Fairway Petroleum, Inc. LEASE: VISOSKY WELL NO.: 3

COUNTY: Leavenworth LOCATION: SE SW SW SECTION: 12 TWP: 8S RNG: 21E ACRES: 40

FIELD: McLouth RESERVOIR: McLouth PIPELINE CONNECTION: LAGGS, Inc.

COMPLETION DATE: 8/14/88 PLUG BACK TOTAL DEPTH: 1335 PACKER SET AT: _____

CASINO SIZE: WT. 4 1/2" LD. 1335 SET AT: 1335 PERF. 1267 TO: 1274

TUBING SIZE: WT. _____ LD. _____ SET AT: _____ PERF. _____ TO: _____

TYPE COMPLETION (Describe): Perforated TYPE FLUID PRODUCTION: Oil

PRODUCING THRU: 4 1/2" casing RESERVOIR TEMPERATURE: 76° BAR. PRESS - P_a: 14.4 Psia

GAS GRAVITY - G_g: 0.5766 % CARBON DIOXIDE: 3.93% API GRAVITY OF LIQUID: 23.8

VERTICAL DEPTH (H): 1335 TYPE WATER CONN.: none (MEASURED) (PROVER) SIZE: 2"

SHUT-IN PRESSURE: SHUT IN August 18 19 88 AT 11:00 (AM)(PM) TAKEN August 21 19 88 AT 11:00 (AM)(PM)

FLOW TEST: STARTED _____ 19 _____ AT 1:00 (AM)(PM) TAKEN August 21 19 88 AT 2:00 (AM)(PM)

OBSERVED DATA DURATION OF SHUT-IN 72 HR.

SHUT-IN OR FLOW	ORIFICE SIZE in.	(PROVER) PRESSURE psig	DIFF. in. (h _w - h _d)	FLOWING TEMP. t	WELL-HEAD TEMP. t	CASINO WELLHEAD PRESS.		TUBING WELLHEAD PRESS.		DURATION HOURS	LIQUID PROD. Bbls.
						psig	(P _w)(P _t)(P _c) psia	psig	(P _w)(P _t)(P _c) psia		
SHUT-IN						265.0	279.4			72	
FLOW	1.00	141.0	-	76	76	141.0	155.4			1	

RATE OF FLOW CALCULATIONS

COEFFICIENT (F _p)(F _w) Mcfd	(PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m h_w}$	GRAVITY FACTOR F _g	FLOWING TEMP. T _L	DEVIATION FACTOR F _{pv}	RATE OF FLOW R Mcfd	GOR	G _m
17.53	155.4	-	1.3169	0.984	1.0107	3568		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ (P_w)² = _____ P_d = _____ % (P_c - 14.4) + 14.4 = _____ (P_d)² = 0.207

$\frac{(P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}$	$\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}$	LOG []	"n"	n x LOG []	ANTILOG	OPEN FLOW DELIVERABILITY EQUALS R x ANTILOG Mcfd
CALCULATED BY IBM COMPUTER			0.94			5204

OPEN FLOW 5204 Mcfd @ 14.65 psia DELIVERABILITY Mcfd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Executed this the 3 day of September, 19 88

Witness (if any) _____

For Company: A. M. Hunt
Checked by: C. R. BERTSON